

FIG.1

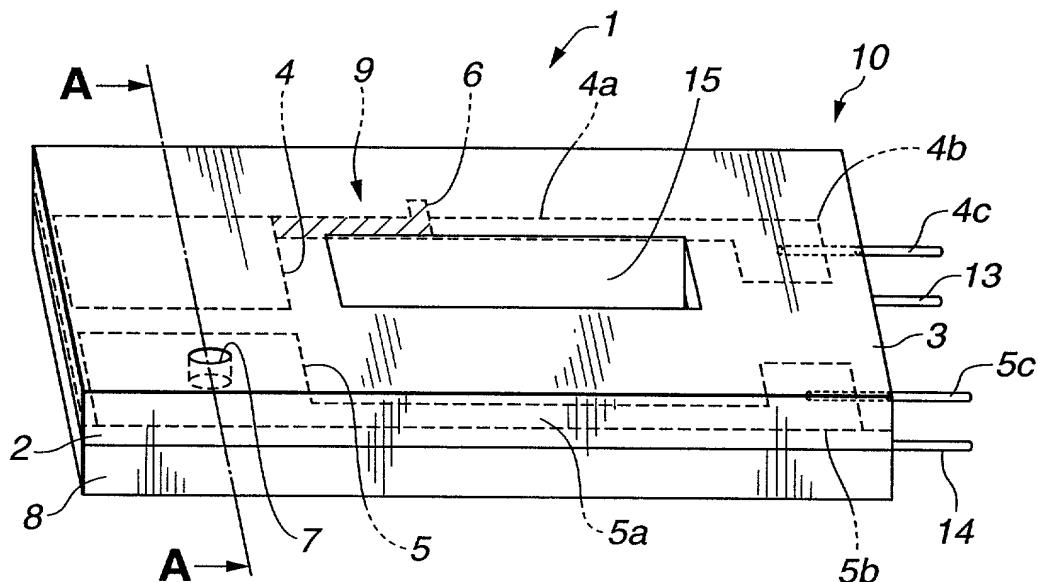
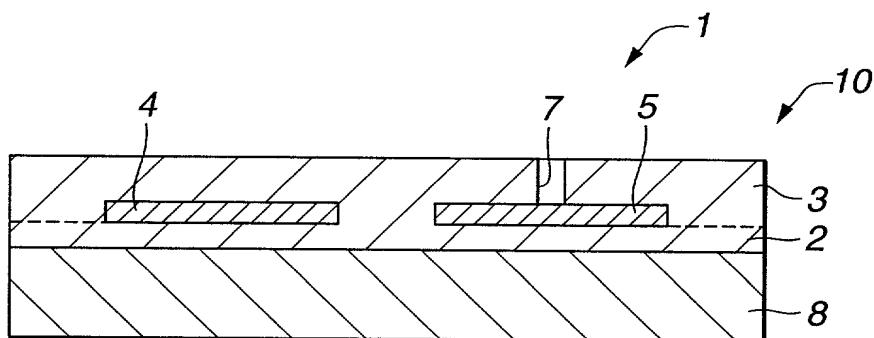


FIG.2



CROSS SECTION A-A

FIG.3

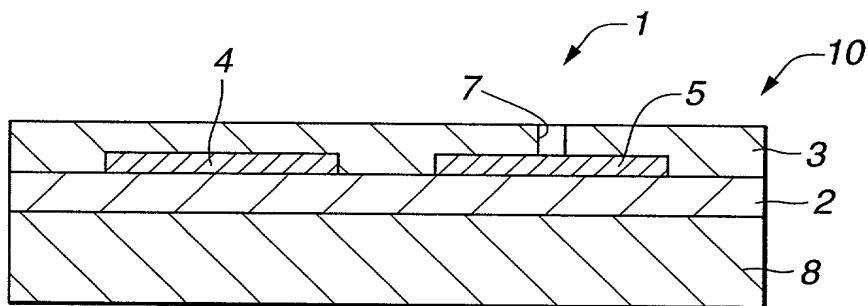


FIG.4

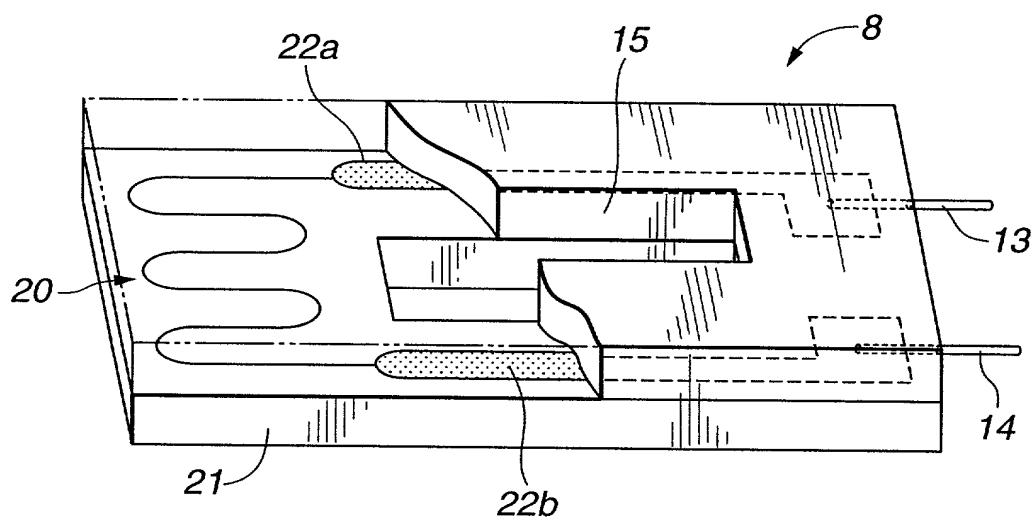


FIG.5(a)

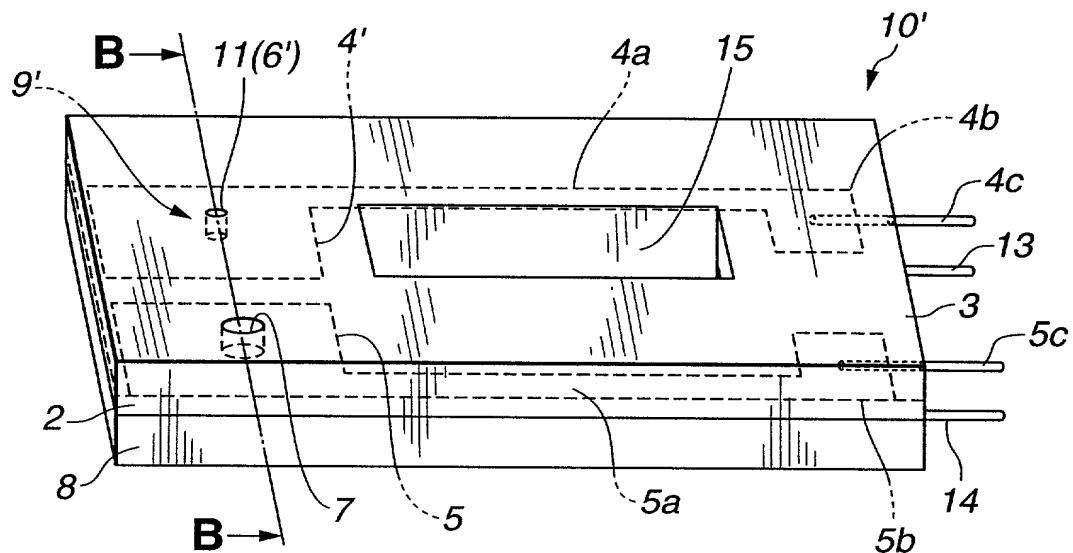
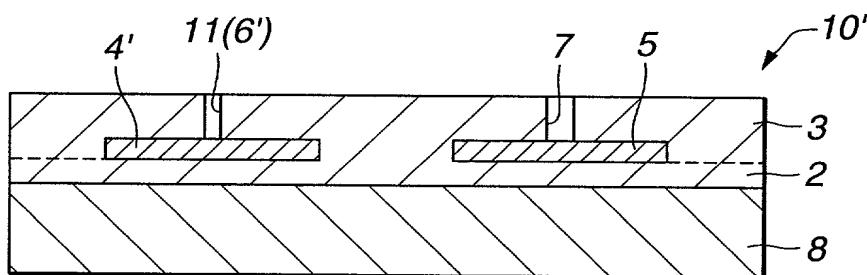


FIG.5(b)



CROSS SECTION B-B

FIG.6

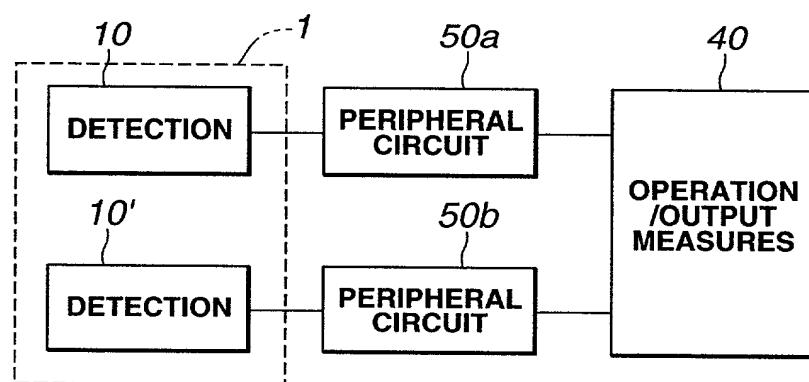


FIG.7

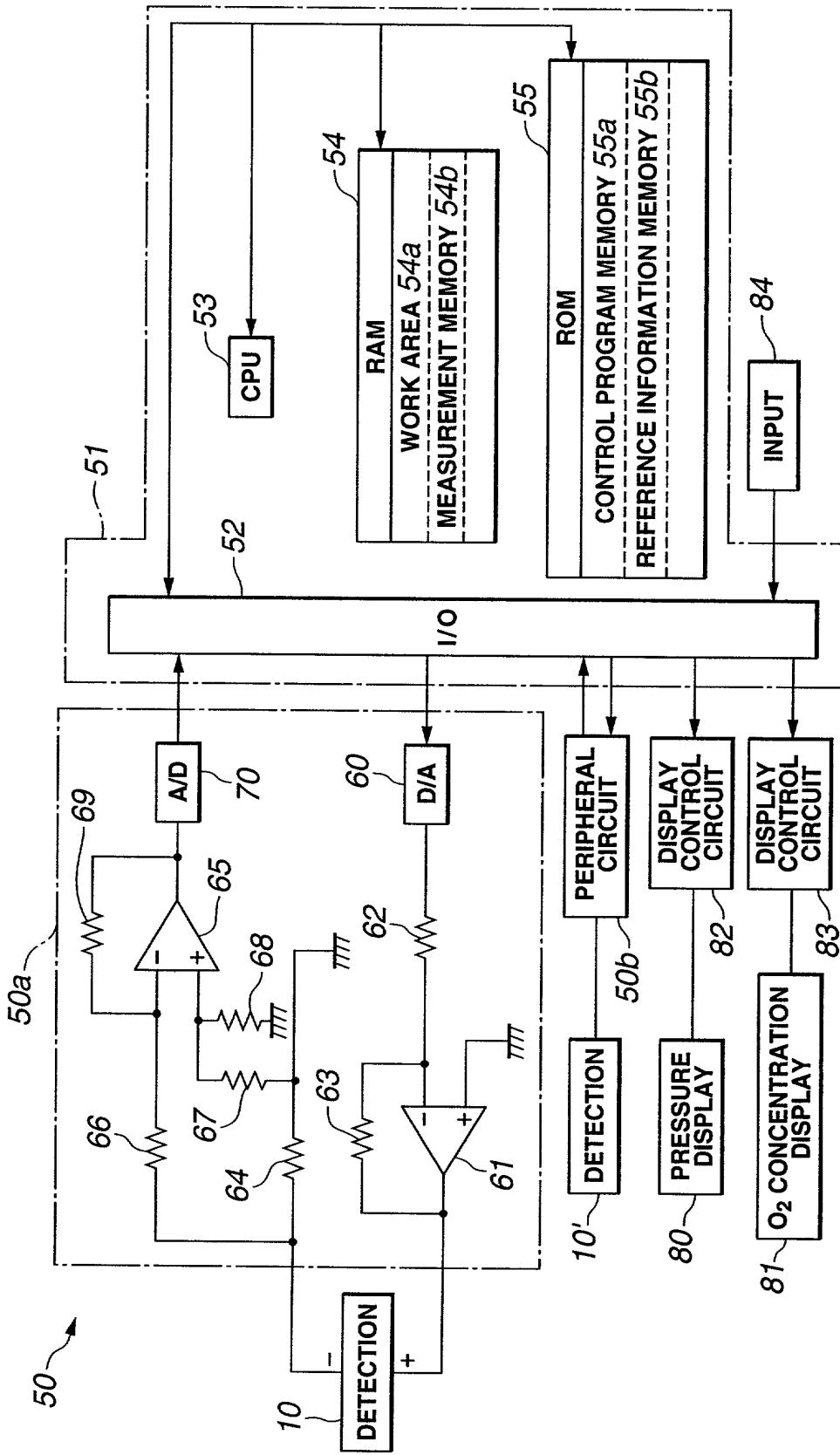


FIG.8(a)

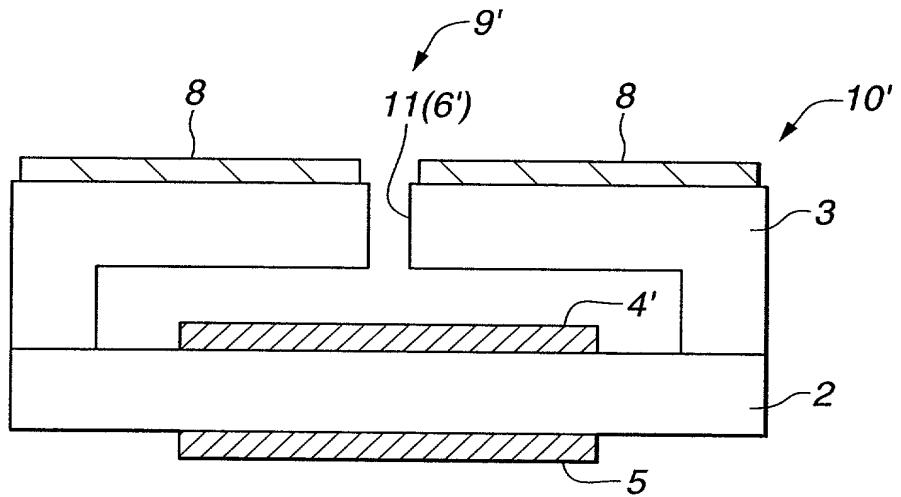


FIG.8(b)

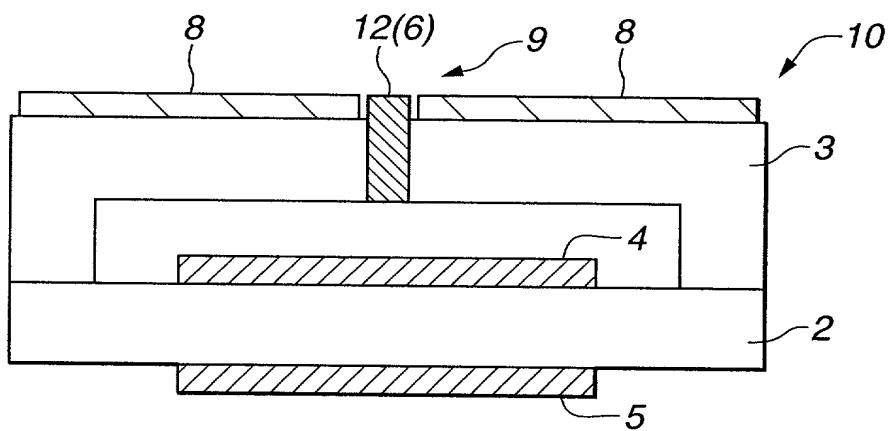


FIG.9

O₂ CONCENTRATION=CO'

PUMP CURRENT	I ₁	I ₂	I ₃
PRESSURE	P ₁	P ₂	P ₃

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FIG.10(a)

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PUMP CURRENT	I'1	I'2	I'3
O ₂ CONCENTRATION (CO ₁)	CO ₁₁	CO ₁₂	CO ₁₃

FIG.10(b)

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PUMP CURRENT	I ₁	I ₂	I ₃
O ₂ CONCENTRATION (CO ₂)	CO ₂₁	CO ₂₂	CO ₂₃

FIG.10(c)

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ΔCO ₁	CO ₁₁	CO ₁₂	CO ₁₃
ΔCO ₁	P ₁₁	P ₁₂	P ₁₃
ΔCO ₂	P ₂₁	P ₂₂	P ₂₃
ΔCO ₃	P ₃₁	P ₃₂	P ₃₃
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

$\Delta CO = CO_1 - CO_2$

FIG.10(d)

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ΔI	I'1	I'2	I'3
ΔI ₁	P ₁₁	P ₁₂	P ₁₃
ΔI ₂	P ₂₁	P ₂₂	P ₂₃
ΔI ₃	P ₃₁	P ₃₂	P ₃₃
⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮

$\Delta I = I'_1 - I'_2$

FIG.11(a)

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$P \backslash CO$	P_1	P_2	P_3
CO_1	I'_{11}	I'_{12}	I'_{13}
CO_2	I'_{21}	I'_{22}	I'_{23}
CO_3	I'_{31}	I'_{32}	I'_{33}
...

FIG.11(b)

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$P \backslash CO$	P_1	P_2	P_3
CO_1	I_{11}	I_{12}	I_{13}
CO_2	I_{21}	I_{22}	I_{23}
CO_3	I_{31}	I_{32}	I_{33}
...

FIG.12(a)

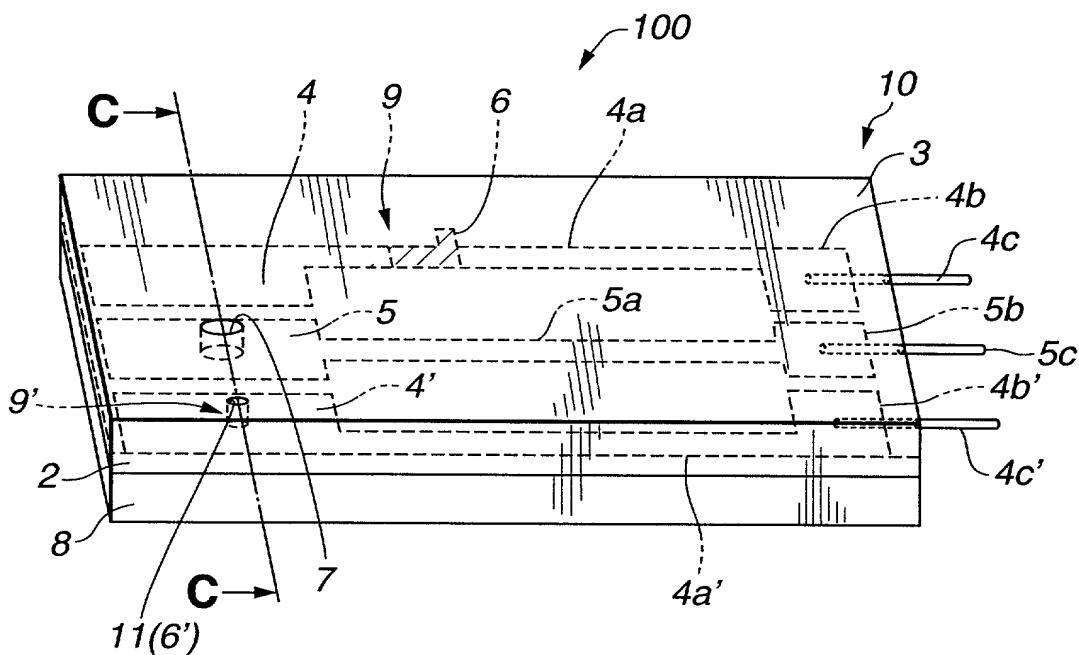
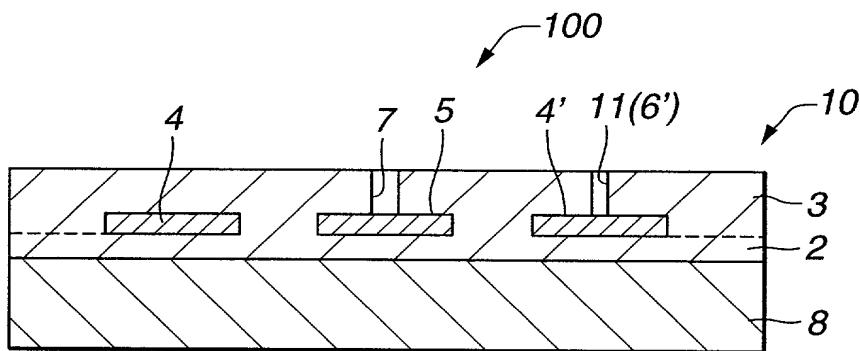


FIG.12(b)



CROSS SECTION C-C

SERIAL NO.: Unassigned
CONFIRMATION NO.: Unassigned
TITLE: GAS SENSOR AND GAS SENSOR UNIT
FILED: March 28, 2001
OUR REF.: Q63199
TELEPHONE: (202) 293-7060
SHEET 9 OF 14

FIG.13

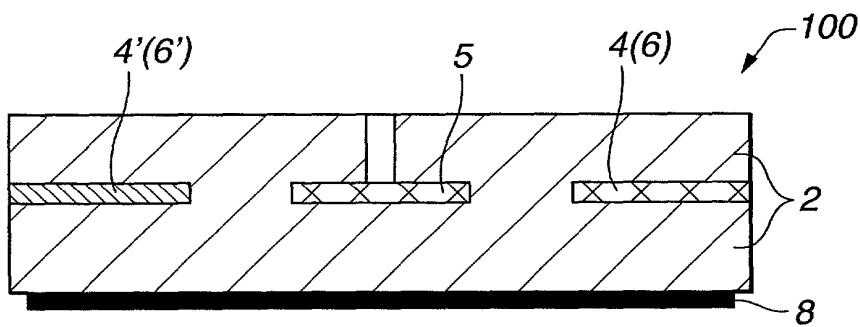


FIG. 14

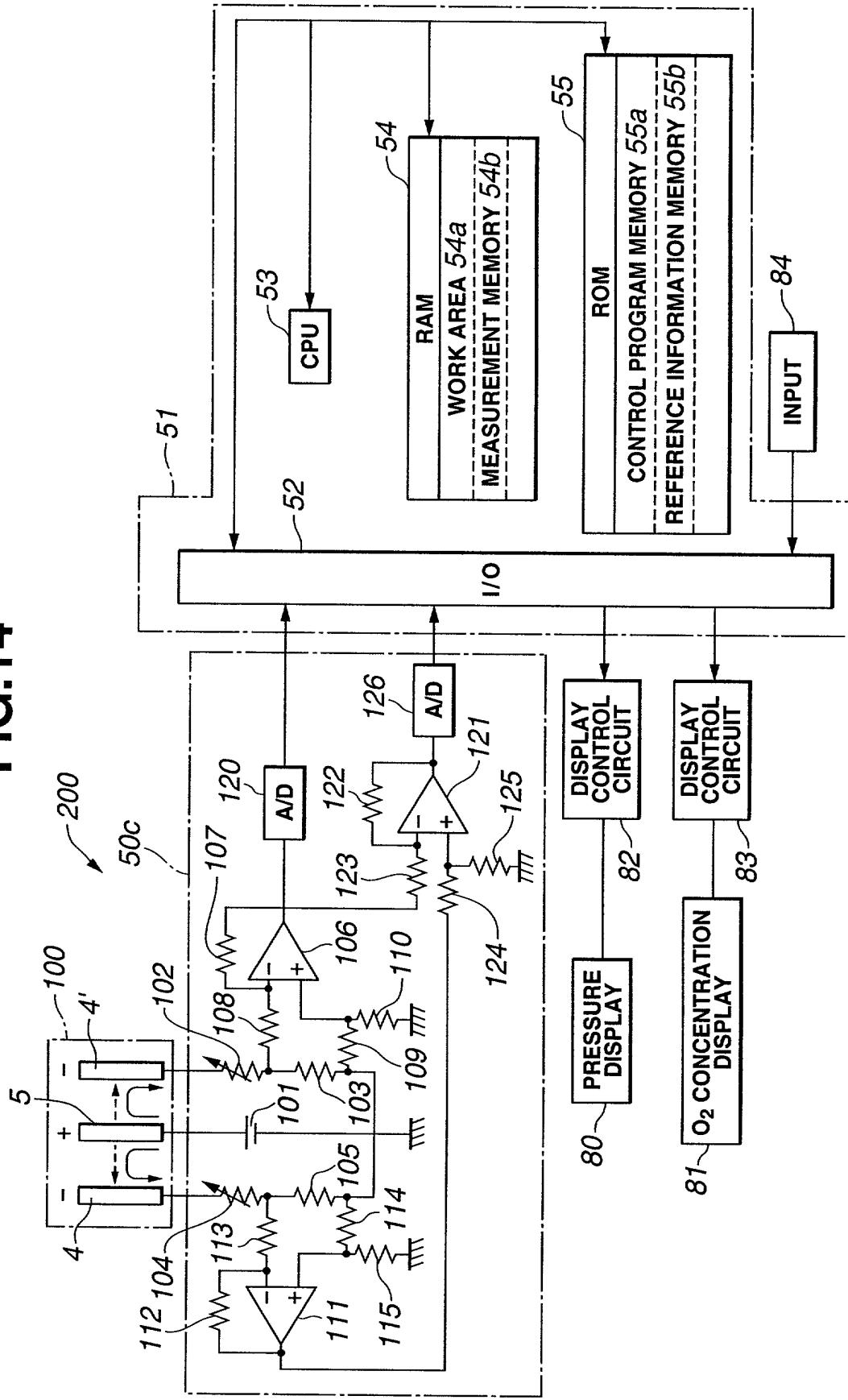


FIG.15

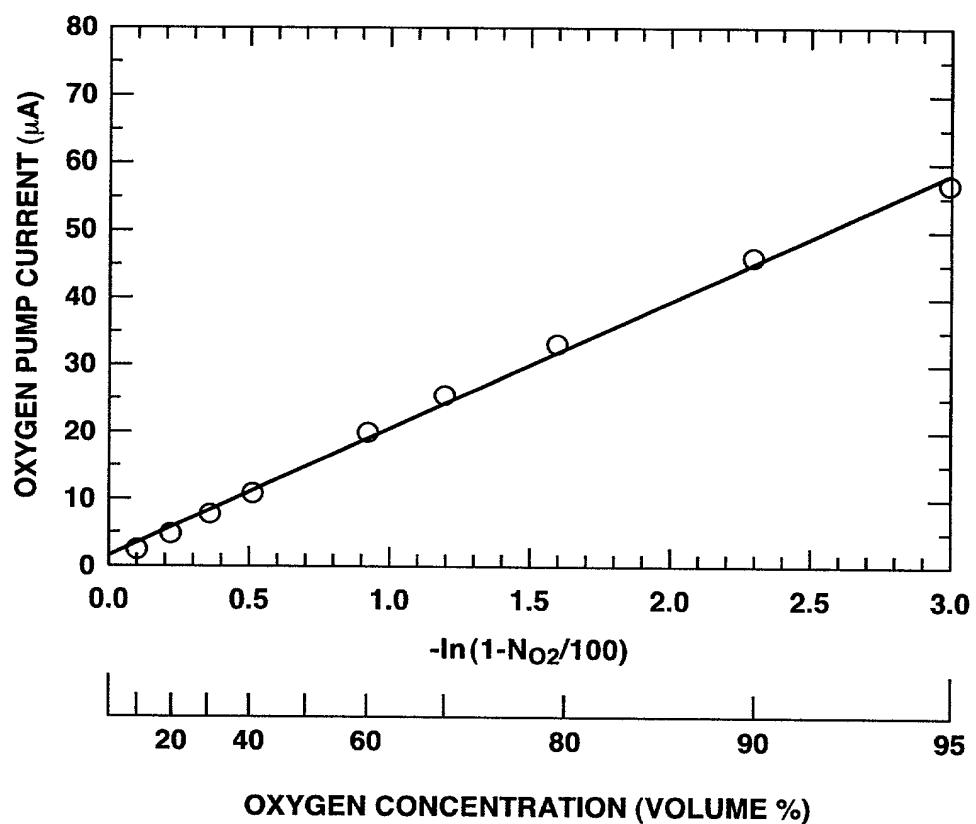


FIG.16

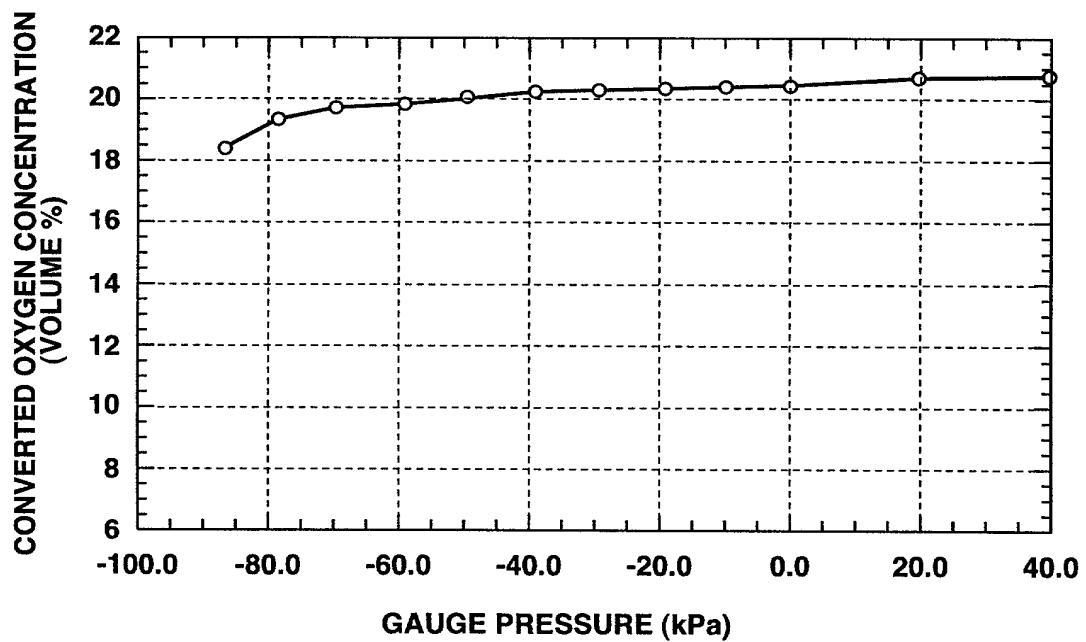


FIG.17

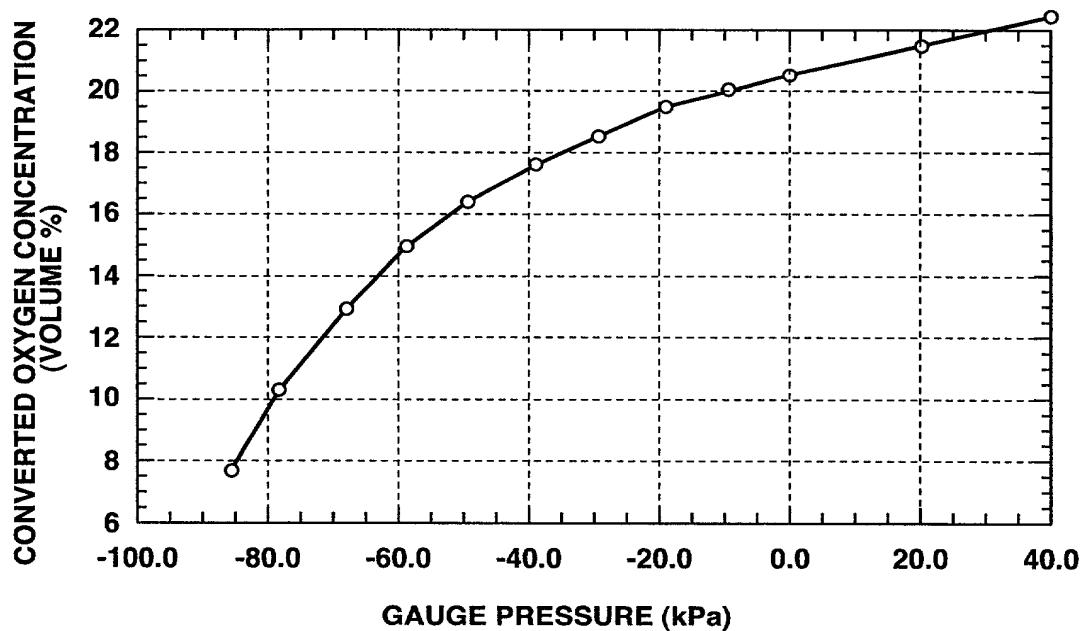


FIG.18

